


<p>70571 D/39 A41 E14 SUMO 10.01.80 SUMITOMO CHEMICAL KK 10.01.80-JP-001849 (10.08.81) C07C-27 C07C-37/08 Removing salts from decomposed, neutralised hydroperoxide soln. by sepg. into oil and water layers, removing water layer, cooling oil layer and removing water layer, obd. by cooling</p>	<p>70571 A11-E13) E(10-E2A, 10-E2C) By the treatment, the salts contained in the oil layer (organic solvent soln. contg. the decomposition product such as phenol, cresol, resorcinol and/or hydroquinone) are removed completely. (4pp W78)</p>
<p>Method for removing salts from a soln. obd. by contacting a hydroperoxide of an alkyl aromatic hydrocarbon having tert. carbon with sulphuric acid or sulphuric anhydride and neutralising the decomposed soln. with a basic material in the presence of water, comprises separating the decomposed solution into oil layer and water layer, removing the water layer, cooling the oil layer and removing water layer produced by the cooling. Before the treatment, the soln. is pref. passed through a tube filled with glass fibre or stainless fibre.</p> <p><u>USE/ADVANTAGE</u> The salts are removed from the oil layer completely by cooling the oil layer.</p> <p><u>DETAILS</u> The first separation is carried out at 40-70°C by usual method and the separated oil layer is cooled to at least 10°C, pref. 15°C lower than the first separation temp.</p>	

US6099430